

**Amendments to the Specification**

Please amend the specification as follows.

Please replace the paragraph that begins on page 4, line 3, and ends on page 7, line 7, with the following amended paragraph:

The present invention relates to:

(1) A method of manufacturing magnetic disks comprising a magnetic layer, a protective layer, and a lubricating layer on a substrate, in which a lubricant *alpha* comprising a compound denoted by chemical formula

**[Chem. 1]**

~~HO-CH<sub>2</sub>-CH(OH)-CH<sub>2</sub>-O-CH<sub>2</sub>-CF<sub>2</sub>(-O-C<sub>2</sub>F<sub>4</sub>)<sup>p</sup>(O-CF<sub>2</sub>)<sup>q</sup>-O-CF<sub>2</sub>-CH<sub>2</sub>-O-CH<sub>2</sub>-CH(OH)-CH<sub>2</sub>-OH~~

HO-CH<sub>2</sub>-CH(OH)-CH<sub>2</sub>-O-CH<sub>2</sub>-CF<sub>2</sub>(-O-C<sub>2</sub>F<sub>4</sub>)<sup>p</sup>(O-CF<sub>2</sub>)<sup>q</sup>-O-CF<sub>2</sub>-CH<sub>2</sub>-O-CH<sub>2</sub>-CH(OH)-CH<sub>2</sub>-OH

wherein p and q are natural number,

and a compound denoted by chemical formula

**[Chem. 2]**

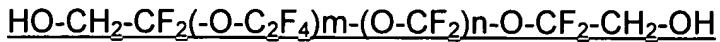
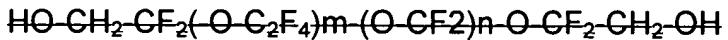
~~HO-CH<sub>2</sub>-CF<sub>2</sub>(-O-C<sub>2</sub>F<sub>4</sub>)<sup>m</sup>(O-CF<sub>2</sub>)<sup>n</sup>-O-CF<sub>2</sub>-CH<sub>2</sub>-OH~~

HO-CH<sub>2</sub>-CF<sub>2</sub>(-O-C<sub>2</sub>F<sub>4</sub>)<sup>m</sup>(O-CF<sub>2</sub>)<sup>n</sup>-O-CF<sub>2</sub>-CH<sub>2</sub>-OH

wherein m and n are natural number,

is fractionated by molecular weight to prepare a lubricant *a* having a weight average molecular weight (Mw) of from 3,000 to 7,000 and a molecular weight dispersion of less than or equal to 1.2;

a lubricant *beta* comprising a compound denoted by the chemical formula

**[Chem. 3]**

wherein m and n are natural number,

is fractionated by molecular weight to prepare a lubricant *b* having a weight average molecular weight (Mw) of from 2,000 to 5,000 and a molecular weight dispersion of less than or equal to 1.2;

a lubricant *c* comprising a mixture of lubricants *a* and *b* is prepared; and

a film of lubricant *c* is formed on a protective layer provided on a substrate to form a lubricating layer.

(2) The method of manufacturing magnetic disks of (1) above wherein the fractionation by molecular weight is conducted by supercritical extraction.

(3) The method of manufacturing magnetic disks of (1) or (2) above wherein lubricant *c* is prepared by obtaining a composition A of lubricant *a* dispersed in a fluorine-base solvent, obtaining a composition B of lubricant *b* dispersed in a fluorine-base solvent, mixing compositions A and B, and extracting lubricant *c* from the mixed composition.

**[0008]**

(4) The method of manufacturing magnetic disks of any of from (1) to (3) above wherein after forming the lubricating layer, the resultant magnetic disk is exposed to an atmosphere of from 50 to 150°C to adhere lubricant *c* to the protective layer.

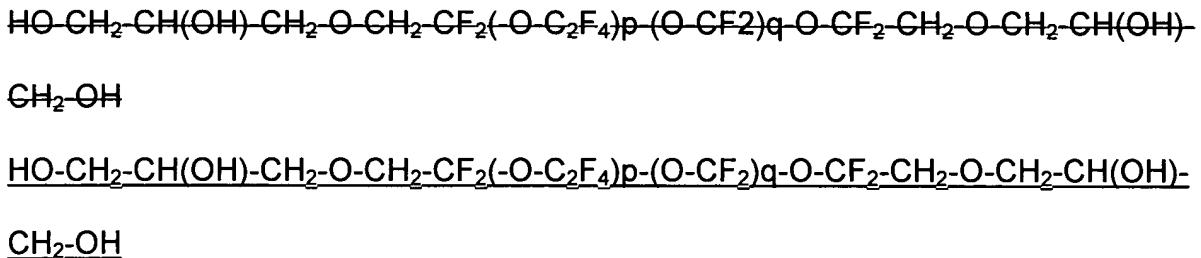
(5) The method of manufacturing magnetic disks of any of from (1) to (4) above wherein the protective layer is formed by plasma CVD.

(6) The method of manufacturing magnetic disks of any of from (1) to (5) above employed for load-unload system magnetic disk devices.

(7) The method of manufacturing magnetic disks of any of from (1) to (6) above further characterized in that Fomblin Ztetraol (product name) made by Solvay Solexis is selected as lubricant *alpha* and Fomblin Zdol (product name) made by Solvay Solexis is selected as lubricant *beta*.

(8) A magnetic disk comprising a magnetic layer, a protective layer, and a lubricating layer on a substrate, in which the lubricating layer has been formed on the protective layer, said lubricating layer being comprised of a lubricant c, comprising a lubricant a having a weight average molecular weight (Mw) of from 3,000 to 7,000 and a molecular weight dispersion of less than or equal to 1.2 obtained by refining a lubricant *alpha* comprising the compound denoted by the chemical formula

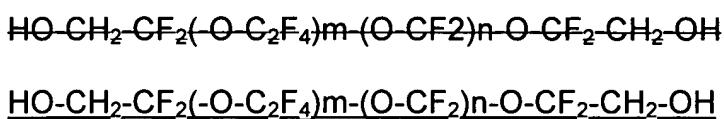
**[Chem. 4]**



wherein p and q are natural number,

and a compound denoted by chemical formula

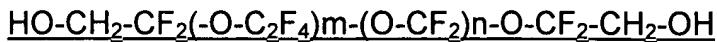
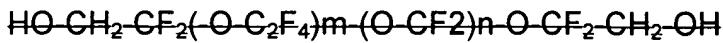
**[Chem. 5]**



wherein m and n are natural number,

and a lubricant *b* having a weight average molecular weight (Mw) of from 2,000 to 5,000 and a molecular weight dispersion of less than or equal to 1.2, comprising a lubricant *beta* comprising a compound denoted by chemical formula

**[Chem. 6]**



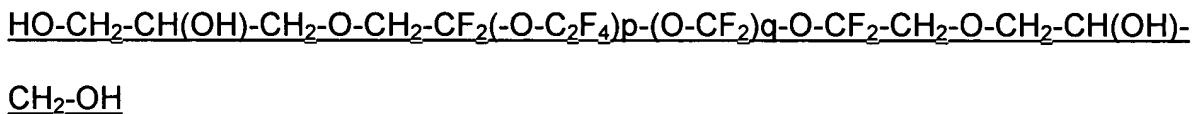
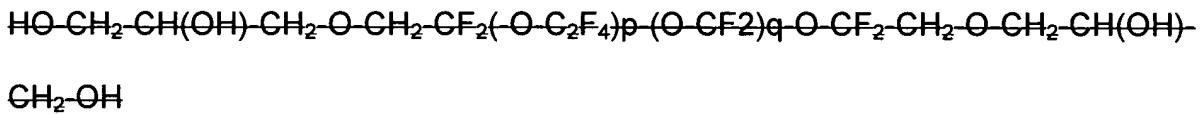
wherein *m* and *n* are natural number.

**[0009]**

(9) A magnetic disk comprising a magnetic layer, a protective layer, and a lubricating layer on a substrate, in which

the lubricating layer has been formed on the protective layer, said lubricating layer comprising a compound denoted by the chemical formula

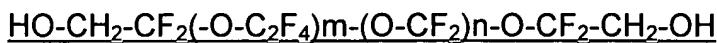
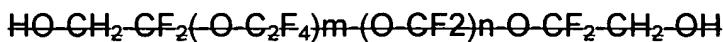
**[Chem. 7]**



wherein *p* and *q* are natural number,

and a compound denoted by the chemical formula

**[Chem. 8]**



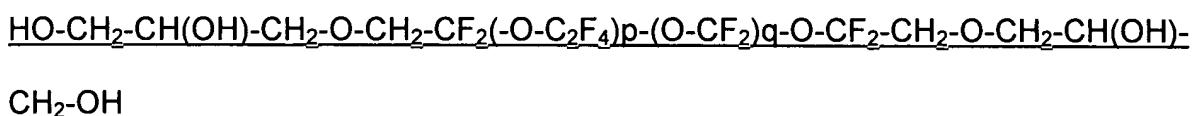
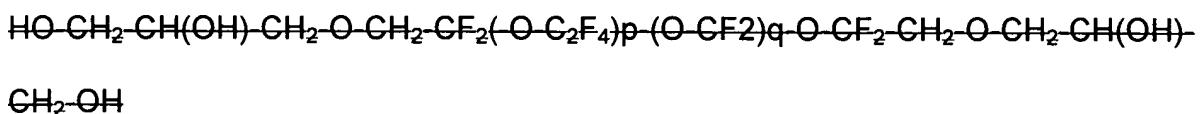
wherein *m* and *n* are natural number,

and the lubricating layer contains  $-\text{COOH}$  atomic groups detectable by time of flight secondary ion mass spectrometry.

(10) A magnetic disk comprising a magnetic layer, a protective layer, and a lubricating layer on a substrate, in which the lubricating layer comprises:

a compound denoted by the chemical formula

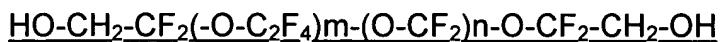
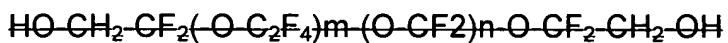
**[Chem. 9]**



wherein p and q are natural number,

a compound denoted by the chemical formula

**[Chem. 10]**



wherein m and n are natural number,

and a compound having in its molecular structure  $-\text{COOH}$  atomic group detectable by time of flight secondary ion mass spectrometry.

(11) The magnetic disk of any of (8) to (10) above, wherein the protective layer is a carbon-base protective layer.